

LCEL

Lee County Environmental Laboratory
60 S Danley Dr Unit 2
Fort Myers, FL 33907
Phone: (239) 533-8600

Analysis Request & Chain of Custody Record

LCEL does not accept any samples used for evidentiary purposes

Lab Certification: E45049

LCEL F COC 20150828R1

Report/Result Information

Billing/Invoice Information

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Name: FDEP - South		Name: DNRM		Matrix Codes: DW-Drinking water GW- Ground water WW-Waste water SW-Surface water WWS-Wastewater Sludge S-Sediment O-Other		Preservative Codes: NP-No Preservative N-Nitric Acid S-Sulfuric Acid H-Hydrochloric Acid SH-Sodium Hydroxide ST-Sodium Thiosulfate O-Other				
ATTN: Kirby Wolfe		RE: CCHMN-Tidal Caloosa								
Address: 2295 Victoria Ave, Suite 364 PO Box 2549		Address: 1500 Monroe St								
Ft Myers FL 33901		Ft Myers, FL 33901								
Phone: (239) 344-5719		Phone: (239) 533-8109		Analyses Required						
Sample Collector(s) (please print): Nicole Reistadt/Monica Jaeger		Sample Collector Signature: 								
Relinquished By: (signature) 	Date: 12/15/21	Time: 1140	Received By: (signature) 							
Relinquished By: (signature)	Date:	Time:	Received By: (signature)							
Relinquished By: (signature)	Date:	Time:	Received By: (signature)	\$Chloro, _prep	O-PO4, Color, NOX	TOC	NH3, TKN, TN, T-PO4, NO3, ONIT	Turb, NO2, TSS, Silica, Bod, Bodi	Mug2QT, Entero	
Sample(s) on ice ☒ Yes or ☐ No? Temperature °C: 5-4°C				Preservatives (see codes)						
				NP	NPF	S	S	NP	ST	
Collection Date	Time	Sample Description & Location	Matrix (see codes)	# of Sample Containers Submitted						Lab ID #
		CRNEP_RS #469 NOT COLLECTED	SWE	1	1	1	1	2	1	AF08985
12/15/21	1235	CRNEP_RS #442	SWE	1	1	1	1	2	1	AF08986
12/15/21	1015	CRNEP_RS #386	SWE	1	1	1	1	2	1	AF08987
12/15/21	1055	CRNEP_RS #464	SWE	1	1	1	1	2	1	AF08988
12/15/21	1140	CRNEP_RS #404	SWE	1	1	1	1	2	1	AF08989
12/15/21	1335	CRNEP_EQ #	SWE	1	1	1	1	2	1	AF08990

SAMPLES SHOULD BE IN WET ICE & LESS THAN 6° C (42.8°F)
OR THEY MAYBE QUALIFIED*

*Qualified = the data may not be accurate and regulatory agencies may not accept qualified data.

CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/15/2021	Site# 386	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1015	Sonde: PRO MOVE	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.5185248		Lat: 26.51847		Wind dir/spd: ENE/10 mph or knots (circle)							
Long: -81.98750674		Long: -81.98746		Wave ht: 0.2 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 0 Hazy Clear Fog Rain								
Sampler Signature: [Signature]			Tide Level: LS LR LF L=Low; M=Mid, H=High								
Water Depth & Secchi:			MR MF HR HS HF S=Slack, R=Rising, F=Falling								
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Water Data: (0.01)							
1.5	1.4	1.3	1.35	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1015	0.5	23.8	19051	11.31	7.47	94.4	7.61
				1016	1	23.7	22103	13.31	8.10	103.1	7.87
					2						
					3						
					4						
					5						
					6						
					7						
					Bottom Depth						
					Blank						
BOTTOM TYPE: seagrass mud sand hard bottom UNK			Additional Comments & Observations:								
PAR Data: (umol/m²/s)			Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor						
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time: 1019	1388.2	320.75	184.55								
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time:											
Depth (m)	Deck	0.5 m	1.0 m								
Reading:											
Time:											
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1018				Type	SID		
UW Shallow: 1693.7 UW Deep: 1731.5				Air: 450.2				FLO			

Lee Co Environmental Lab: Keith Kibbey or Mishel Mullan (239) 533-8600

FWC: Sarah Erickson or Tony Yard (941) 613-0945

FDEP: Kirby Wolfe (239) 470-0873

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/15/2021	Site# 464	Region: 1 2	Blank Time:	Blank Storet Code:							
Time: 1055	Sonde: PRO MOVE	3 4 5	DUP Time:	Duplicate Storet Code:							
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:							
GPS Selected:		GPS Actual:		Weather Conditions:							
Lat: 26.51423386		Lat: 26.51428		Wind dir/spd: ENE / 10 mph or knots (circle)							
Long: -81.97930509		Long: -81.97928		Wave ht: 0.1 ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 5 Hazy Clear Fog Rain								
Sampler Signature: [Signature]			Tide Level: LS LR LF L=Low; M=Mid, H=High								
Water Depth & Secchi:			MR MF HR HS HF S=Slack, R=Rising, F=Falling								
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Water Data: (0.01)							
1.2	1.1	1.1	1.1	Time:	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				1055	0.5	23.6	22391	13.50	7.77	99.0	7.97
				1056	0.7	23.6	22341	13.46	7.98	101.6	7.99
BOTTOM TYPE: seagrass mud sand hard bottom UNK					2						
PAR Data: (umol/m²/s)					3						
Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor			4						
Depth (m)	Deck	0.5 m	1.0 m		5						
Reading:					6						
Time:	795.58	226.56	103.35		7						
Depth (m)	Deck	0.5 m	1.0 m		Bottom Depth						
Reading:					Blank						
Time:				Additional Comments & Observations:							
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID		
UW Shallow:		UW Deep:		Air:				FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/15/2021	Site# 404	Region: 1 2	Blank Time:	Blank Storet Code:						
Time: 1140	Sonde: Pro Move	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.5529432	Lat: 26.55311		Wind dir/spd: E/13			mph or knots (circle)				
Long: -81.92989316	Long: -81.92993		Wave ht: 0.4			ft (m) (Circle)				
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 20 Hazy Clear Fog Rain							
Sampler Signature: [Signature]			Tide Level: LS LR LF			L=Low; M=Mid, H=High				
			MR MF HR HS HF			S=Slack, R=Rising, F=Falling				
Water Depth & Secchi:			Water Data: (0.01)							
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (°/oo)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
2.0	1.6	1.6	1.6	0.5	24.0	14.479	8.40	7.55	94.2	7.99
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1.5	23.9	14.763	8.58	7.48	93.1	7.97
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	2						
Depth (m)	Deck	0.5 m	1.0 m	3						
Reading:				4						
Time: 1143	1831.2	461.56	178.97	5						
Depth (m)	Deck	0.5 m NR	1.0 m NR	6						
Reading:	754.20	89.840	48.091	7						
Time:	1694.5 NR	110.50 NR	63.312 NR	Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Additional Comments & Observations: additional cloud cover during second LICK reading										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:			Type		SID	
UW Shallow:		UW Deep:		Air:			FLO			

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/15/2021	Site# 442	Region: 1 2	Blank Time: 1335	Blank Storet Code:						
Time: 1235	Sonde: Pro Move	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:		GPS Actual:		Weather Conditions:						
Lat: 26.66378865		Lat: 26.66373		Wind dir/spd: E/10 mph or knots (circle)						
Long: -81.8742864		Long: -81.87153		Wave ht: 0.3 ft m (Circle)						
Samplers/FDEP: NR KW MJ WM JB GS TB		Cld cover (%): 45		Hazy Clear Fog Rain						
Sampler Signature: [Signature]		Tide Level: LS LR LF		L=Low; M=Mid, H=High						
		MR MF HR HS HF		S=Slack, R=Rising, F=Falling						
Water Depth & Secchi:				Water Data: (0.01)						
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
1.5	1.0	1.0	1.0	0.5	24.2	4681	2.50	7.82	94.6	8.12
BOTTOM TYPE: seagrass mud sand hard bottom UNK				1	24.1	4783	2.56	7.79	94.0	8.00
PAR Data: (umol/m²/s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	2						
Depth (m)	Deck	0.5 m	1.0 m	3						
Reading:				4						
Time: 1238	915.37	184.99	96.797	5						
Depth (m)	Deck	0.5 m	1.0 m	6						
Reading:				7						
Time:				Bottom Depth						
Depth (m)	Deck	0.5 m	1.0 m	Blank						
Reading:				Additional Comments & Observations: Our DI system was broken - Publix brand Purified Water was used for the equipment blank. UPC# 041415212633						
Time:										
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time: 1338				Type	SID	
UW Shallow: 2060.1 UW Deep: 1856.8				Air: 1875.2				FLO		

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CCHMN TIDAL CALOOSAHATCHEE DATA SHEET

Site Storet Code:

Date: 12/15/2021	Site# 469	Region: 1 2	Blank Time: 1335	Blank Storet Code:						
Time:	Sonde: PRO MOVE	3 4 5	DUP Time:	Duplicate Storet Code:						
Collecting Agency: FDEP			Bottom Time:	Bottom Storet Code:						
GPS Selected:	GPS Actual:		Weather Conditions:							
Lat: 26.72088326	Lat:		Wind dir/spd: mph or knots (circle)							
Long: -81.75441155	Long:		Wave ht: ft m (Circle)							
Samplers/FDEP: NR KW MJ WM JB GS TB			Cld cover (%): 0							
Sampler Signature: [Signature]			Tide Level: LS LR LF							
			MR MF HR HS HF							
Water Depth & Secchi:			Water Data: (0.01)							
Total Depth/m	Disappearance Depth/m	Reappearance Depth/m	Secchi Average/m	Sample Depth (m)	Water Temp. (°C)	Conductivity (mS/cm)	Salinity (‰)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (%)	pH
				Time:						
BOTTOM TYPE: seagrass mud sand hard bottom UNK				0.5						
PAR Data: (umol/m ² /s)	Air Sensor	Shallow In-Water Sensor	Deep In-Water Sensor	1						
Depth (m)	Deck	0.5 m	1.0 m	2						
Reading:				3						
Time:				4						
Depth (m)	Deck	0.5 m	1.0 m	5						
Reading:				6						
Time:				7						
Depth (m)	Deck	0.5 m	1.0 m	Bottom Depth						
Reading:				Blank						
Time:				Additional Comments & Observations: no cloud cover for POST-PAR reading						
Pre/Post PAR readings; (Only on 1st & last sample of trip)				Time:				Type	SID	
UW Shallow:				UW Deep:				FLO		
				Air:						

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